

021004
18351 U.S. PTO

FORM PTO-1082

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Naoto MATSUNAMI, Koji SONODA, Akira YAMAMOTO, Masafumi NOZAWA and
Masaaki IWASAKI

Serial No: Not assigned

Filed: February 10, 2004

For: STORAGE DEVICE

17858 U.S. PTO
10/775886021004
18351 U.S. PTO

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

 Customer Number

000026021

Transmitted herewith for filing is the patent application identified above.

15 sheet(s) of drawings (formal informal) is(are) enclosed.

72 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.

An assignment of the invention to HITACHI, LTD. is enclosed will follow.

An associate power of attorney is enclosed will follow.

Applicant claims small entity status. See 37 CFR 1.27.

Declaration and Power of Attorney is enclosed will follow.

A certified copy of Japanese Patent Application No. 2003-086828 filed March 27, 2003 from which priority is claimed under 35 U.S.C. § 119 is enclosed.

IDS enclosed (with 8 reference(s)).

Preliminary Amendment is enclosed.

Application data sheet is enclosed. See 37 CFR 1.76.

Return postcard is enclosed.

CALCULATION OF FEES

| ITEM | | TOTAL NO. OF CLAIMS | | NO. OF CLAIMS OVER BASE | LG/SM \$ ENTITY FEE | \$ AMOUNT | \$ FEE |
|--|--|---------------------|-----|-------------------------|---------------------|-----------|--------|
| A | TOTAL CLAIMS FEE | 25 | -20 | 5 | LG=\$18 SM=\$9 | \$18 | 90 |
| B | INDEPENDENT CLAIMS FEE* | 5 | -3 | 2 | LG=\$86 SM=\$43 | \$86 | 172 |
| C | SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B) | | | | | | |
| D | MULTIPLE-DEPENDENT CLAIMS FEE | | | | | | |
| E | BASIC FEE | | | | | | |
| F | TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E) | | | | | | |
| G | ASSIGNMENT RECORDING FEE | | | | | | |
| *LIST INDEPENDENT CLAIMS 1, 8, 15, 20 and 25 | | | | | | | |

Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.

A check in the amount of \$ 1032.00 to cover the filing fee is enclosed.

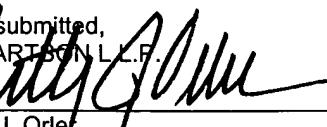
A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.

The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.

Any additional filing fees required under 37 C.F.R. 1.16

Any patent application processing fees under 37 C.F.R. 1.17

Date: February 10, 2004

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Facsimile: (213) 337-6701Respectfully submitted,
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Naoto MATSUNAMI et al.

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Art Unit: Not assigned

Examiner: Not assigned

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$ 1032.00 as filing fee
- patent application (72 page(s) of specification; 25 claim(s); 1 page(s) of abstract
- 15 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to HITACHI, LTD.
- certified copy of Japanese patent application No. 2003-086828 which was filed March 27, 2003 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 8 references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PATENT APPLICATION
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Date: February 10, 2004

Reynaldo Gallardo

Name of person mailing papers


Signature

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